

Converting Colors

CIELCh(36, 5.885, 52.765)

Have a look what the booklet for
CIELCh(36, 5.885, 52.765) contains.

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Color

CIELCh(36, 6.177, 56.659)

Conversions

Conversions Part 1

Format	Color
Hex	5E534D
RGB	94, 83, 77
RGB Percent	37%, 33%, 30%
CMY	0.6331, 0.6762, 0.6997
CMYK	0.00, 0.12, 0.18, 0.63
HSL	21°, 10%, 33%
HSV	21°, 18%, 37%
XYZ	8.9570, 9.0082, 8.2103
YIQ	85.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

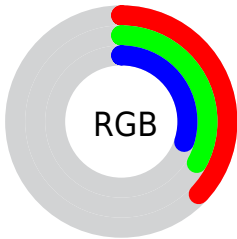
Format	Color
RYB	94, 86, 77
Decimal	6181709
CIELab	36.00, 3.40, 5.16
CIElCh	36, 6.177, 56.659
Yxy	9.0082, 0.3422, 0.3441
Android (android.graphics.Color)	4284371789 (0xFF5E534D)
YUV	85.6050, -4.2423, 7.3624
Hunter-Lab	30.0136, 0.7461, 4.7905

Details

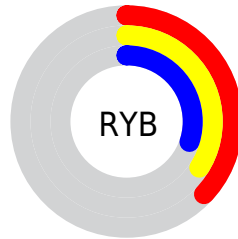
The CIELCh color **36, 6.177, 56.659** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 5.683, 239.952**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 6.307, 52.553**, and **16, 6.296, 53.730** is the 20% darker color. If you saturate the color by 10%, you get **34, 9.900, 55.946**, and if you desaturate by 10%, it is **38, 2.686, 57.394**.

Distribution



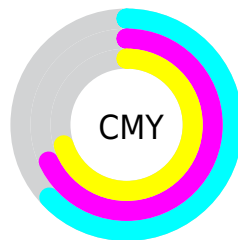
- Red (37%)
- Green (33%)
- Blue (30%)



- Red (37%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (63%)




- Cyan (63%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 6.177, 56.659 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 36, 6.177, 56.659 by changing the saturation by 10% instead.

 36, 6.177, 56.659  36, 6.177, 56.659

 100, 6.177, 56.659  26, 6.177, 56.659

 56, 6.177, 56.659  16, 6.177, 56.659

 66, 6.177, 56.659  6, 6.177, 56.659

 76, 6.177, 56.659  0, 6.177, 56.659

 86, 6.177, 56.659

 96, 6.177, 56.659

 36, 6.177, 56.659  36, 6.177, 56.659

 34, 9.900, 55.946  38, 2.686, 57.394

 32, 13.872, 55.261  40, 0.594, 238.761

■ 30, 18.103, 54.634

■ 42, 3.684, 239.190

■ 28, 22.586, 54.072

■ 44, 6.605, 239.976

■ 27, 27.283, 53.563

■ 46, 9.375, 240.777

■ 25, 32.099, 53.058

■ 49, 12.012,
241.572

■ 23, 36.684, 52.268

■ 51, 14.532,
242.354

■ 22, 40.466, 50.883

■ 22, 41.155, 50.686

■ 53, 16.948,
243.118

■ 55, 19.273,
243.860

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36, 6.177, 56.659



36, 5.683, 239.952

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36, 6.177, 56.659



36, 6.177, 106.659



36, 6.177, 236.659



36, 6.177, 286.659

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36, 6.177, 56.672



50, 2.035, 57.572



35, 10.020, 337.599



25, 1.377, 57.549



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 6.177, 56.672



46, 9.480, 56.339



39, 8.875, 101.396



18, 1.821, 57.350



26, 47.559, 51.130



56, 87.428, 49.651

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36, 5.683, 239.952



47, 8.521, 240.491



34, 9.096, 285.310



18, 1.754, 239.019



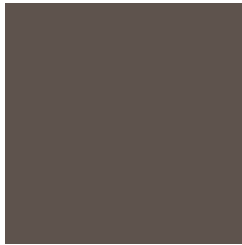
28, 28.001, 262.661



61, 51.408, 266.234

Previews

White Background



This preview shows how the CIE LCh color 36, 6.177, 56.659 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 6.177, 56.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

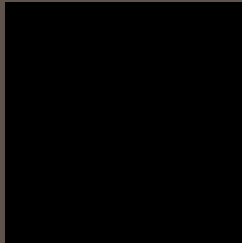
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 6.177, 56.659

Background



This preview shows how black text looks on a background with the CIELCh color 36, 6.177, 56.659.



This preview shows how white text looks on a background with the CIELCh color 36, 6.177, 56.659.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


36, 6.177, 56.659

Protanopia

36, 4.103, 84.058

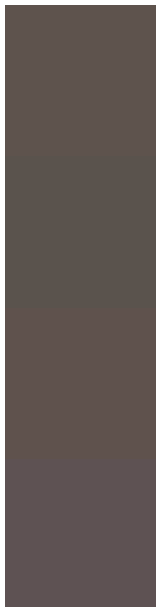
Deuteranopia

36, 7.026, 46.140



Tritanopia
36, 7.090, 348.901

Trichromacy



Original Color
36, 6.177, 56.659

Protanomaly
36, 4.846, 69.548

Deuteranomaly
36, 6.615, 47.841

Tritanomaly
36, 5.281, 13.432

Monochromacy



Original Color
36, 6.177, 56.659

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 2.124, 55.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 6.177, 56.659 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 83, 77)` looks like.

```
.text, #text, p{  
    color:rgb(94, 83, 77)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 83, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 6.177, 56.659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 83, 77) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(94, 83, 77) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(94, 83, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 83, 77);  
box-shadow:4px 4px 4px 4px rgb(94, 83, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 6.177, 56.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 77) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 83,  
77) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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